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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 17980.25-2026

Replacing GB/T 17980.25-2000

**Pesticides - Guidelines for field efficacy trials - Part 25:
Fungicides against European canker of apple trees**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 25 of GB/T 17980, "Guidelines for Field Efficacy Testing of Pesticides". GB/T 17980 has published the following... part.

- 1. Insecticide control of lepidopteran borers in rice;
- 2. Insecticide Control of Rice Leaf Roller;
- 3. Pesticide Control of Rice Leafhoppers;
- 25. Fungicide Control of Apple Tree Clostridium Blight;

---Part 149: Insecticides for the Control of Red Imported Fire Ants. This document replaces GB/T 17980.25-2000 "Guidelines for Field Efficacy Testing of Pesticides (I) - Control of Apple Tree Blight by Fungicides". Compared with GB/T 17980.25-2000, the main technical changes in the "Disease" standard, apart from structural adjustments and editorial modifications, are as follows:

- a) The scope of application has been changed (see Chapter 1, Chapter 1 of the.2000 edition);
- b) The requirements for test conditions have been changed (see Chapter 4, Chapter 2 of the.2000 edition);
- c) Added requirements for experimental treatments and blank controls (see 5.1);
- d) The requirements for test and control reagents have been changed (see 5.2, 3.1 of the.2000 edition);
- e) Changes were made to cell arrangement, cell size, and duplication requirements (see

5.3,
3.2 of the 2000 edition);

1 Scope

GB/T 17980.25-2026 is the Chinese national standard covering trials against apple canker - a trunk and branch disease assessed over years rather than weeks, which is what makes its trial design different from a foliar one. The guideline fixes the trial design and the plots, the timing and rate of application, the assessment of cankers on marked branches before and after treatment, the calculation of efficacy against the untreated control, and the phytotoxicity to be recorded. It replaces GB/T 17980.25-2000, one of the eight parts of GB/T 17980 revised together in this batch. It was issued on 27 February 2026 and has been in force since 1 September 2026, replacing GB/T 17980.25-2000. The document is under the responsibility of the Ministry of Agriculture and Rural Affairs. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document describes the field efficacy of fungicides in controlling apple tree blight (*Nectria galligena*) (synonym. apple tree branch canker). The experimental method. This document applies to field efficacy plot trials and drug registration for fungicides used to control apple tree blight (synonym. apple tree branch canker). For efficacy evaluation, other field efficacy trials should follow the same procedure.

2 Normative references

This document has no normative references.

3 Terms and Definitions

This document does not contain any terms or definitions that need to be defined.

4 Test conditions

4.1 Selection of test subjects, crops and varieties The test subject was apple blight (synonym. apple branch canker). The experimental crop was apple trees. Susceptible varieties or locally grown varieties were selected, and the variety names were recorded. When the apple trees were not diseased, [further details about the experiment are needed]. Trees can be inoculated through wounds, or diseased branches can be placed in experimental plots to induce natural disease development.

4.2 Environmental Conditions Field trials should be conducted in disease-prone areas. All experimental plots should include specific cultivation and management practices (soil type,

fertilization, irrigation, soil loosening). The apple varieties, tree vigor, and age selected for all experimental plots should be basically uniform and consistent with local scientific agricultural practices. Therefore, it is best to use young trees. Pruning is generally not recommended during the experiment.

5 Experimental Design and Arrangement

5.1 Test Treatment Test reagents, control reagents, and blank controls should be included.

5.2 Reagents

5.2.1 Test reagents The test reagent should be applied at least three times; in special cases, the dosage should be set according to experimental requirements. Specify the Chinese/English common name or code of the reagent. Dosage form, active ingredient content, manufacturer, production date or batch number, expiration date, etc.